

L Number	Hits	Search Text	DB	Time stamp
1	4	530/300.ccls. and insulin SAME bile	USPAT; US-PGPUB; EPO; JPO; DEPWENT	2003/06/26 07:26
7	22	514/4.ccls. and insulin SAME bile	USPAT; US-PGPUB; EPO; JPO; DEPWENT	2003/06/26 07:39
13	2	4153689.pn.	USPAT; US-PGPUB; EPO; JPO; DEPWENT	2003/06/26 07:31
25	0	4153689.pn. and insulin and bile	USPAT; US-PGPUB; EPO; JPO; DEPWENT	2003/06/26 07:30
31	0	4153689.pn. and bile	USPAT; US-PGPUB; EPO; JPO; DEPWENT	2003/06/26 07:31
37	2	4153689.pn. and insulin	USPAT; US-PGPUB; EPO; JPO; DEPWENT	2003/06/26 07:33
43	0	4153689.pn. and salt	USPAT; US-PGPUB; EPO; JPO; DEPWENT	2003/06/26 07:33
55	1	4153689.pn. and acid	USPAT; US-PGPUB; EPO; JPO; DEPWENT	2003/06/26 07:34
61	5	514/15.ccls. and insulin SAME bile	USPAT; US-PGPUB; EPO; JPO; DEPWENT	2003/06/26 07:48
67	3	424/455.ccls. and insulin SAME bile	USPAT; US-PGPUB; EPO; JPO; DEPWENT	2003/06/26 07:49
73	0	424/19.ccls. and insulin SAME bile	USPAT; US-PGPUB; EPO; JPO; DEPWENT	2003/06/26 07:49
-	218	amide and bile and peptide and carboxy and alkylene	USPAT; US-PGPUB; EPO; JPO; DEPWENT	2003/06/26 07:26
-	2	amide and bile and peptide and carboxy and alkylene and polypeptides and glycoproteins and polysaccharides and oligonucleotides and polynucleotides and anesthetics	USPAT; US-PGPUB; EPO; JPO; DEPWENT	2003/01/26 15:28
-	2	5446026.pn.	USPAT; US-PGPUB; EPO; JPO; DEPWENT	2003/06/26 04:21
-	18	amide and bile and peptide and carboxy and alkylene and polypeptides and glycoproteins and polysaccharides and oligonucleotides	USPAT; US-PGPUB; EPO; JPO; DEPWENT	2003/01/26 15:26
-	55	amide and bile and peptide and carboxy and alkylene and polypeptides and glycoproteins	USPAT; US-PGPUB; EPO; JPO; DEPWENT	2003/01/26 15:27
-	0	insulin same "amide of bile salt"	USPAT; US-PGPUB; EPO; JPO; DEPWENT	2003/06/26 04:21

-	0	insulin same "amide of bile acid"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/26 04:22
-	548	insulin same amide	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/26 04:22
-	0	insulin same amide same "bile salt"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/26 04:22
-	16	insulin same amide same "bile acid"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/26 04:54
-	2	5053389.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/26 04:28
-	1	5053389.pn. and "bile"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/26 04:28
-	4	689052.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/26 04:45
-	2	689052.did. and "ep"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/26 04:45
-	2	689052.did. and "ep" and bile	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/26 04:46
-	0	004875.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/26 04:46
-	1	0004875.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/26 04:48
-	7	2000004875.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/26 04:49
-	1	200231558.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/26 04:50
-	1	0231558.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/26 04:50
-	4	31558.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/26 04:50
-	13677	Yoo.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/26 04:51
-	14	Yoo.in. and insulin	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/26 04:51

2	Yoo.in. and insulin and bile	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/26 04:52
2	Yoo.in. and insulin SAME bile	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/26 04:52

Connecting via Winsock to STN

Index
Search
8

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1653MXA

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 Jun 03 New e-mail delivery for search results now available
NEWS 4 Aug 08 PHARMAMarketLetter(PHARMAML) - new on STN
NEWS 5 Aug 19 Aquatic Toxicity Information Retrieval (AQUIRE)
now available on STN
NEWS 6 Aug 26 Sequence searching in REGISTRY enhanced
NEWS 7 Sep 03 JAPIO has been reloaded and enhanced
NEWS 8 Sep 16 Experimental properties added to the REGISTRY file
NEWS 9 Sep 16 CA Section Thesaurus available in CAPLUS and CA
NEWS 10 Oct 01 CASREACT Enriched with Reactions from 1907 to 1985
NEWS 11 Oct 24 BEILSTEIN adds new search fields
NEWS 12 Oct 24 Nutraceuticals International (NUTRACEUT) now available on STN
NEWS 13 Nov 18 DKILIT has been renamed APOLLIT
NEWS 14 Nov 25 More calculated properties added to REGISTRY
NEWS 15 Dec 04 CSA files on STN
NEWS 16 Dec 17 PCTFULL now covers WP/PCT Applications from 1978 to date
NEWS 17 Dec 17 TOXCENTER enhanced with additional content
NEWS 18 Dec 17 Adis Clinical Trials Insight now available on STN
NEWS 19 Jan 29 Simultaneous left and right truncation added to COMPENDEX,
ENERGY, INSPEC
NEWS 20 Feb 13 CANCERLIT is no longer being updated
NEWS 21 Feb 24 METADEX enhancements
NEWS 22 Feb 24 PCTGEN now available on STN
NEWS 23 Feb 24 TEMA now available on STN
NEWS 24 Feb 26 NTIS now allows simultaneous left and right truncation
NEWS 25 Feb 26 PCTFULL now contains images
NEWS 26 Mar 04 SDI PACKAGE for monthly delivery of multifile SDI results
NEWS 27 Mar 20 EVENTLINE will be removed from STN
NEWS 28 Mar 24 PATDPAFULL now available on STN
NEWS 29 Mar 24 Additional information for trade-named substances without
structures available in REGISTRY
NEWS 30 Apr 11 Display formats in DGENE enhanced
NEWS 31 Apr 14 MEDLINE Reload
NEWS 32 Apr 17 Polymer searching in REGISTRY enhanced
NEWS 33 Jun 13 Indexing from 1947 to 1956 added to records in CA/CAPLUS
NEWS 34 Apr 21 New current-awareness alert (SDI) frequency in
WPIDS/WPINDEX/WPIX
NEWS 35 Apr 28 RDISCLOSURE now available on STN
NEWS 36 May 05 Pharmacokinetic information and systematic chemical names
added to PHAR
NEWS 37 May 15 MEDLINE file segment of TOXCENTER reloaded
NEWS 38 May 15 Supporter information for ENCOMPPAT and ENCOMPLIT updated
NEWS 39 May 16 CHEMREACT will be removed from STN
NEWS 40 May 19 Simultaneous left and right truncation added to WSCA
NEWS 41 May 19 RAPRA enhanced with new search field, simultaneous left and

right truncation
 NEWS 42 Jun 06 Simultaneous left and right truncation added to CBNB
 NEWS 43 Jun 06 PASCAL enhanced with additional data
 NEWS 44 Jun 20 2003 edition of the FSTA Thesaurus is now available
 NEWS 45 Jun 25 HSDB has been reloaded

NEWS EXPRESS April 4 CURRENT WINDOWS VERSION IS V6.01a, CURRENT
 MACINTOSH VERSION IS V6.0b(ENG) AND V5.0Jb(JP),
 AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003
 NEWS HOURS STN Operating Hours Plus Help Desk Availability
 NEWS INTER General Internet Information
 NEWS LOGIN Welcome Banner and News Items
 NEWS PHONE Direct Dial and Telecommunication Network Access to STN
 NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
 specific topic.

All use of STN is subject to the provisions of the STN Customer
 agreement. Please note that this agreement limits use to scientific
 research. Use for software development or design or implementation
 of commercial gateways or other similar uses is prohibited and may
 result in loss of user privileges and other penalties.

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 05:02:58 ON 26 JUN 2003

=> fil medline biosis caplus		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'MEDLINE' ENTERED AT 05:03:11 ON 26 JUN 2003

FILE 'BIOSIS' ENTERED AT 05:03:11 ON 26 JUN 2003
 COPYRIGHT (C) 2003 BIOLOGICAL ABSTRACTS INC. (R)

FILE 'CAPLUS' ENTERED AT 05:03:11 ON 26 JUN 2003
 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
 PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
 COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

=. s ((morrison j?) or (morrison, j?))/au
 L1 5716 ((MORRISON J?) OR (MORRISON, J?))/AU

=. s ((lucas m?) or (lucas, m?))/au
 L2 2036 ((LUCAS M?) OR (LUCAS, M?))/AU

=. s ((wheeler s?) or (wheeler, s?))/au
 L3 638 ((WHEELER S?) OR (WHEELER, S?))/AU

=. s 11-13
 L4 8379 (L1 OR L2 OR L3)

=. s 11 or 12 or 13
 L5 8379 L1 OR L2 OR L3

=. s 11 and 12 and 13
 L6 4 L1 AND L2 AND L3

=. s 16 and bile

L7 4 L6 AND BILE

=> d 17 1-4

L7 ANSWER 1 OF 4 MEDLINE
AN 2002634196 MEDLINE
DN 22279930 PubMed ID: 12392500
TI Absorption of biologically active peptide hormones from the small intestine of rat.
AU **Wheeler S**; McGinn B J; **Lucas M L**; **Morrison J D**
CS West Medical Building, University of Glasgow, Glasgow, UK.
SO ACTA PHYSIOLOGICA SCANDINAVICA, (2002 Nov) 176 (3) 203-13.
Journal code: 0370362. ISSN: 0001-6772.
CY England: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200301
ED Entered STN: 20021024
Last Updated on STN: 20030202
Entered Medline: 20030131

L7 ANSWER 2 OF 4 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
AN 2003:31809 BIOSIS
DN PREV200300031809
TI Absorption of biologically active peptide hormones from the small intestine of rat.
AU **Wheeler, S.**; McGinn, B. J.; **Lucas, M. L.**;
Morrison, J. D. (1)
CS (1) University of Glasgow, West Medical Building, Glasgow, G12 8QQ, UK UK
SO Acta Physiologica Scandinavica, (November 2002, 2002) Vol. 176, No. 3, pp. 203-213. print.
ISSN: 0001-6772.
DT Article
LA English

L7 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2003 ACS
AN 2002:869795 CAPLUS
DN 138:181158
TI Absorption of biologically active peptide hormones from the small intestine of rat
AU **Wheeler, S.**; McGinn, B. J.; **Lucas, M. L.**;
Morrison, J. D.
CS University of Glasgow, Glasgow, G12 8QQ, UK
SO Acta Physiologica Scandinavica (2002), 176(3), 203-213
CODEN: APSCAX; ISSN: 0001-6772
PB Blackwell Science Ltd.
DT Journal
LA English
RE.CNT 34 THERE ARE 34 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2003 ACS
AN 2001:101167 CAPLUS
DN 134:168315
TI Enhancement of bioavailability of peptides with **bile** salts
IN **Morrison, James Duncan**; **Lucas, Michael Leslie**;
Wheeler, Sarah
PA The University Court of the University of Glasgow, UK
SO PCT Int. Appl., 28 pp.
CODEN: PIXXD2
DT Patent

LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001009163	A2	20010208	WO 2000-GB2903	20000728
	WO 2001009163	A3	20010907		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BP, BY, BZ, CA, CH, CN, CF, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GE, GD, GE, GH, GM, HP, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TP, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	PW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GF, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MF, NE, SN, TD, TG			
	GB 2355009	A1	20010411	GB 1999-17793	19990730
	AU 2000061739	A5	20010219	AU 2000-61739	20000728
	EP 1228093	A2	20020807	EP 2000-948177	20000728
	F:	AT, BE, CH, DE, DK, ES, FR, GB, GF, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL			
PRAI	GB 1999-17793	A	19990730		
	WO 2000-GB2903	W	20000728		
OS	MARPAT 134:168315				

=> s 15 and bile
L8 30 L5 AND BILE

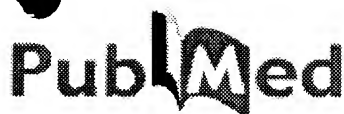
=> s 18 and insulin
L9 1 L8 AND INSULIN

=> d 19

L9 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS
AN 2001:101167 CAPLUS
DN 134:168315
TI Enhancement of bioavailability of peptides with **bile** salts
IN **Morrison, James Duncan; Lucas, Michael Leslie; Wheeler, Sarah**
PA The University Court of the University of Glasgow, UK
SO PCT Int. Appl., 28 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001009163	A2	20010208	WO 2000-GB2903	20000728
	WO 2001009163	A3	20010907		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BE, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HP, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TF, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	PW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GF, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MF, NE, SN, TD, TG			
	GB 2355009	A1	20010411	GB 1999-17793	19990730
	AU 2000061739	A5	20010219	AU 2000-61739	20000728
	EP 1228093	A2	20020807	EP 2000-948177	20000728
	R:	AT, BE, CH, DE, DK, ES, FF, GB, GF, IT, LI, LU, NL, SE, MC, PT,			

IE, SI, LT, LV, FI, RO, MK, CY, AL
PRAI GB 1999-17793 A 19990730
WO 2000-GB2903 W 20000728
OS MARPAT 134:168315



PubMed

Nucleotide

Protein

Genome

Structure

PMC

Taxonomy

OMIM

Books

Search for

[Limits](#) [Preview/Index](#) [History](#) [Clipboard](#) [Details](#)

About Entrez

Text Version

- Search History will be lost after one hour of inactivity.
- To combine searches use # before search number, e.g., #2 AND #6.
- Search numbers may not be continuous; all searches are represented.

Entrez PubMed

[Overview](#)[Help | FAQ](#)[Tutorial](#)[New/Noteworthy](#)[E-Utilities](#)

PubMed Services

[Journals Database](#)[MeSH Database](#)[Single Citation Matcher](#)[Batch Citation Matcher](#)[Clinical Queries](#)[LinkOut](#)[Cubby](#)

Related Resources

[Order Documents](#)[NLM Gateway](#)[TOXNET](#)[Consumer Health](#)[Clinical Alerts](#)[ClinicalTrials.gov](#)[PubMed Central](#)[Privacy Policy](#)

Search

Most Recent Queries

#7 Search **bile and insulin and absorption****Time Result**05 07:48 91#6 Search **bile and insulin**05 07:39 803#5 Search **swaan and bile and insulin**05 07:23 0#4 Search **swaan and bile**05 07:10 4#3 Search **swann and bile**05 06:49 1#2 Search **swann and insulin and bile**05 06:42 0#1 Search **swann and insulin**05 06:37 7[Write to the Help Desk](#)[NCBI | NLM | NIH](#)[Department of Health & Human Services](#)[Freedom of Information Act | Disclaimer](#)

Jun 12 2003 10:19:17

Connecting via Winsock to STN

Unsub
Comp
search
File out
Salt

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1653MXA

PASSWOFD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 Jun 03 New e-mail delivery for search results now available
NEWS 4 Aug 08 PHARMAMarketLetter(PHARMAML) - new on STN
NEWS 5 Aug 19 Aquatic Toxicity Information Retrieval (AQUIRE)
now available on STN
NEWS 6 Aug 26 Sequence searching in REGISTRY enhanced
NEWS 7 Sep 03 JAPIO has been reloaded and enhanced
NEWS 8 Sep 16 Experimental properties added to the REGISTRY file
NEWS 9 Sep 16 CA Section Thesaurus available in CAPLUS and CA
NEWS 10 Oct 01 CASREACT Enriched with Reactions from 1907 to 1985
NEWS 11 Oct 24 BEILSTEIN adds new search fields
NEWS 12 Oct 24 Nutraceuticals International (NUTRACEUT) now available on STN
NEWS 13 Nov 18 DKILIT has been renamed APOLLIT
NEWS 14 Nov 25 More calculated properties added to REGISTRY
NEWS 15 Dec 04 CSA files on STN
NEWS 16 Dec 17 PCTFULL now covers WP/PCT Applications from 1978 to date
NEWS 17 Dec 17 TOXCENTER enhanced with additional content
NEWS 18 Dec 17 Adis Clinical Trials Insight now available on STN
NEWS 19 Jan 29 Simultaneous left and right truncation added to COMPENDEX,
ENERGY, INSPEC
NEWS 20 Feb 13 CANCERLIT is no longer being updated
NEWS 21 Feb 24 METADEX enhancements
NEWS 22 Feb 24 PCTGEN now available on STN
NEWS 23 Feb 24 TEMA now available on STN
NEWS 24 Feb 26 NTIS now allows simultaneous left and right truncation
NEWS 25 Feb 26 PCTFULL now contains images
NEWS 26 Mar 04 SDI PACKAGE for monthly delivery of multifile SDI results
NEWS 27 Mar 20 EVENTLINE will be removed from STN
NEWS 28 Mar 24 PATDPAFULL now available on STN
NEWS 29 Mar 24 Additional information for trade-named substances without
structures available in REGISTRY
NEWS 30 Apr 11 Display formats in DGENE enhanced
NEWS 31 Apr 14 MEDLINE Reload
NEWS 32 Apr 17 Polymer searching in REGISTRY enhanced
NEWS 33 Jun 13 Indexing from 1947 to 1956 added to records in CA/CAPLUS
NEWS 34 Apr 21 New current-awareness alert (SDI) frequency in
WPIDS/WPINDEX/WPIX
NEWS 35 Apr 28 RDISCLOSURE now available on STN
NEWS 36 May 05 Pharmacokinetic information and systematic chemical names
added to PHAR
NEWS 37 May 15 MEDLINE file segment of TOXCENTER reloaded
NEWS 38 May 15 Supporter information for ENCOMPPAT and ENCOMPLIT updated
NEWS 39 May 16 CHEMREACT will be removed from STN
NEWS 40 May 19 Simultaneous left and right truncation added to WSCA
NEWS 41 May 19 RAPRA enhanced with new search field, simultaneous left and

right truncation
NEWS 42 Jun 06 Simultaneous left and right truncation added to CBMB
NEWS 43 Jun 06 PASCAL enhanced with additional data
NEWS 44 Jun 20 2003 edition of the FSTA Thesaurus is now available
NEWS 45 Jun 25 HSDB has been reloaded

NEWS EXPRESS April 4 CURRENT WINDOWS VERSION IS V6.01a, CURRENT
MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003
NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
specific topic.

All use of STN is subject to the provisions of the STN Customer
agreement. Please note that this agreement limits use to scientific
research. Use for software development or design or implementation
of commercial gateways or other similar uses is prohibited and may
result in loss of user privileges and other penalties.

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 15:05:22 ON 25 JUN 2003

=> fil reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 15:05:27 ON 25 JUN 2003

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2003 American Chemical Society (ACS)

Property values tagged with IC are from the EIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 24 JUN 2003 HIGHEST RN 536971-45-6

DICTIONARY FILE UPDATES: 24 JUN 2003 HIGHEST RN 536971-45-6

TS/CA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2003

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP
PROPERTIES for more information. See STN Note 27, Searching Properties
in the CAS Registry File, for complete details:
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=> e insulin/cn

E1	1	INSULFAB KP 121/CN
E2	1	INSULICOLIDE A/CN
E3	1 -->	INSULIN/CN
E4	1	INSULIN (29-DE-LYSINE) (HUMAN B-CHAIN) FUSION PROTEIN WITH S YNTHETIC TRIPEPTIDE FUSION PROTEIN WITH INSULIN (HUMAN A-CHA

IN)/CN
E5 1 INSULIN (A20A-GLYCINE,B30A-ARGININE,B30B-ARGININE) (HUMAN)/CN
N
E6 1 INSULIN (A21-ALANINE) (HUMAN)/CN
E7 1 INSULIN (A21-ALANINE,B3-GLUTAMINE) (HUMAN)/CN
E8 1 INSULIN (A21-GLYCINE) (HUMAN)/CN
E9 1 INSULIN (A21-GLYCINE,B3-GLUTAMINE) (HUMAN)/CN
E10 1 INSULIN (A21-GLYCINE,B31-ARGININE,B32-ARGININE) (HUMAN)/CN
E11 1 INSULIN (AFRICAN LUNGFISH A-CHAIN)/CN
E12 1 INSULIN (AFRICAN LUNGFISH B-CHAIN)/CN

=> s e3

L1 1 INSULIN/CN

=> d l1

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS

RN 9004-10-8 REGISTRY

CN **Insulin (9CI)** (CA INDEX NAME)

OTHER NAMES:

CN Actrapid

CN Actrapid HM

CN Actrapid MC

CN Decurvon

CN Dermulin

CN Endopancrine

CN Exubera

CN HMR 4006

CN Iletin

CN Insular

CN Insulin Injection

CN Insulyl

CN Intesulin B

CN Iszilin

CN Mixtard

CN Musulin

DR 8049-67-0, 8049-95-4, 9004-12-0, 9045-63-0, 9045-65-2, 9045-66-3,
9045-67-4, 9066-39-1, 9066-40-4, 11081-38-2, 57126-42-8, 37243-75-7,
37294-43-2, 69090-47-7, 88026-11-3, 88026-12-4

MF Unspecified

CI PMS, COM, MAN

PCT Manual registration

LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, BIOBUSINESS, BIOSIS, BIOTECHNO,
CA, CABA, CAPLUS, CASREACT, CBNB, CEN, CHEMCATS, CHEMLIST, CIN, CSCHM,
CSNB, DDFU, DIOGENES, DRUGU, EMBASE, HSDB*, IFICDB, IFIPAT, IFIUDB, IPA,
MEDLINE, MRCK*, NAPRALERT, NIOSHTIC, PDLCOM*, PHAR, PHARMASEARCH, PIRA,
PROMT, RTECS*, TOXCENTER, USAN, USPAT2, USPATFULL, VTB
(*File contains numerically searchable property data)

Other Sources: EINECS**, WHO

(**Enter CHEMLIST File for up-to-date regulatory information)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

87608 REFERENCES IN FILE CA (1957 TO DATE)

1539 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

87660 REFERENCES IN FILE CAPLUS (1957 TO DATE)

=> s 9004-10-8/rn

L2 1 9004-10-8/RN

=> e amide/cn

E1 1 AMIDAZOPHEN/CN

E2 1 AMIDAZOPHENE/CN
 E3 1 --> AMIDE/CN
 E4 1 AMIDE 14/CN
 E5 1 AMIDE 16/CN
 E6 1 AMIDE 60/CN
 E7 1 AMIDE 65S/CN
 E8 1 AMIDE 6S/CN
 E9 1 AMIDE AMMONIATE/CN
 E10 1 AMIDE ANION/CN
 E11 1 AMIDE AP/CN
 E12 1 AMIDE AP 1/CN

=> s e3

L3 1 AMIDE/CN

=> d 13

L3 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS

RN 17655-31-1 REGISTRY

CN **Amide (6CI, 7CI, 8CI, 9CI)** (CA INDEX NAME)

OTHER NAMES:

CN Amide anion

CN Amide ion

CN Amide ion (NH21-)

CN Amide ion(1-)

CN Ammonia, ion(NH21-)

CN Nitrogen dihydride ion(1-)

FS 3D CONCORD

MF H2 N

CI COM

LC STN Files: BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CAOLD, CAPLUS, CASREACT,
 CEN, CHEMCATS, CHEMINFORMRX, CIN, EMBASE, GMELIN*, PIRA, PROMT,
 TOXCENTER, USPAT2, USPATFULL
 (*File contains numerically searchable property data)

NH₂⁻

472 REFERENCES IN FILE CA (1957 TO DATE)

8 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

472 REFERENCES IN FILE CAPLUS (1957 TO DATE)

2 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> d scan

L3 1 ANSWERS REGISTRY COPYRIGHT 2003 ACS

IN **Amide (6CI, 7CI, 8CI, 9CI)**

MF H2 N

CI COM

NH₂⁻

ALL ANSWERS HAVE BEEN SCANNED

=> e "bile salt"/cn

E1 1 BILE ACID:COA LIGASE/CN

E2 1 BILE PIGMENT TRANSPORTER 1 1334-AMINO ACID (DICTYOSTELIUM DI
SCOIDEUM STRAIN AX4 CHROMOSOME 2 MAP 4539054-4584791)/CN
E3 0 --> BILE SALT/CN
E4 1 BILE SALT EXPORT PUMP (HUMAN GENE BSEP)/CN
E5 1 BILE SALT HYDROLASE/CN
E6 1 BILE SALT HYDROLASE (LACTOBACILLUS JOHNSONII CLONE PIN-BSH2
REDUCED)/CN
E7 1 BILE SALT NUMBER 3/CN
E8 1 BILE SALT SULFOTRANSFERASE/CN
E9 1 BILE SALT TRANSPORT PROTEIN (LACTOBACILLUS ACIDOPHILUS STRAI
N KS-13 GENE PUTATIVE BILE SALT HYDROLASE OPERON)/CN
E10 1 BILE SALT TRANSPORT PROTEIN (LACTOBACILLUS ACIDOPHILUS STRAI
N KS-13)/CN
E11 1 BILE SALT TRANSPORT PROTEIN (LACTOBACILLUS JOHNSONII STRAIN
100-100 GENE CBST1)/CN
E12 1 BILE SALT TRANSPORT PROTEIN (LACTOBACILLUS JOHNSONII STRAIN
100-100 GENE CBST2)/CN

=> e "amide of bile salt"/cn

E1 1 AMIDE O-N/CN
E2 1 AMIDE OF/CN
E3 0 --> AMIDE OF BILE SALT/CN
E4 1 AMIDE P/CN
E5 1 AMIDE RADICAL/CN
E6 1 AMIDE RESINS/CN
E7 1 AMIDE S/CN
E8 1 AMIDE S (BINDER)/CN
E9 1 AMIDE SYNTHASE (VIBRIO CHOLERAE STRAIN O395 GENE VIBH)/CN
E10 1 AMIDE T/CN
E11 1 AMIDE, (4,5,7,8,10,11,13,14,16,17-DECAHYDEO-2,19-DIMETHYLDIN
APHTHO(2,1-Q:1',2'-S)(1,4,7,10,13,16)HEXACXACYCLOEICOSIN-O3,
O6,O9,O12,O15,O18) POTASSIUM(1+)/CN
E12 1 AMIDE, AMMONIATE/CN

=> fil medline biosis caplus hcplus
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
15.40	15.61

FULL ESTIMATED COST

FILE 'MEDLINE' ENTERED AT 15:10:59 ON 25 JUN 2003

FILE 'BIOSIS' ENTERED AT 15:10:59 ON 25 JUN 2003
COPYRIGHT (C) 2003 BIOLOGICAL ABSTRACTS INC. (R)

FILE 'CAPLUS' ENTERED AT 15:10:59 ON 25 JUN 2003
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'HCAPLUS' ENTERED AT 15:10:59 ON 25 JUN 2003
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

=> s l1 and amide

L4 1467 L1 AND AMIDE

=> s l1 and "bile salt"

L5 272 L1 AND "BILE SALT"

=> s l1 and "bile acid"

L6 451 L1 AND "BILE ACID"

=> s 15 or 16
L7 677 L5 OR L6

=> s 11 and "amide of bile salt"
L8 0 L1 AND "AMIDE OF BILE SALT"

=> s 11 and "amide "
L9 1467 L1 AND "AMIDE "

=> s 11 and "amide" and "bile salt" or "bile acid"
L10 69948 L1 AND "AMIDE" AND "BILE SALT" OR "BILE ACID"

=> s 11 and "amide and "bile salt"
MISMATCHED QUOTE 'SALT''
Quotation marks (or apostrophes) must be used in pairs,
one before and one after the expression you are setting
off or masking.

=> s 11 and amide and "bile salt"
L11 4 L1 AND AMIDE AND "BILE SALT"

=> s 11 and amide and "bile acid"
L12 8 L1 AND AMIDE AND "BILE ACID"

=> s 111 or 112
L13 8 L11 OR L12

=> s 111 and 112
L14 4 L11 AND L12

=> rem dup 113
DUP IS NOT VALID HERE
The DELETE command is used to remove various items stored by the
system.

To delete a saved query, saved answer set, saved L-number list, SDI
request, batch request, mailing list, or user-defined cluster, format,
or search field, enter the name. The name may include ? for left,
right, or simultaneous left and right truncation.

Examples:

DELETE BIO?/Q	- delete query names starting with BIO
DELETE ?DRUG/A	- delete answer set names ending with DRUG
DELETE ?ELEC?/L	- delete L-number lists containing ELEC
DELETE ANTICOAG/S	- delete SDI request
DELETE ENZYME/B	- delete batch request
DELETE .MYCLUSTER	- delete user-defined cluster
DELETE .MYFORMAT	- delete user-defined display format
DELETE .MYFIELD	- delete user-defined search field
DELETE NAMELIST MYLIST	- delete mailing list

To delete an ordered document or an offline print, enter its
number.

Examples:

DELETE P123001C	- delete print request
DELETE D134002C	- delete document order request

To delete an individual L-number or range of L-numbers, enter the

L-number or L-number range. You may also enter DELETE LAST followed by a number, n, to delete the last n L-numbers. RENUMBER or NORENUMBER may also be explicitly specified to override the value of SET RENUMBER.

Examples:

```
DELETE L21           - delete a single L-number
DELETE L3-L6         - delete a range of L-numbers
DELETE LAST 4        - delete the last 4 L-numbers
DELETE L33-          - delete L33 and any higher L-number
DELETE -L55          - delete L55 and any lower L-number
DELETE L2-L6 RENUMBER - delete a range of L-numbers and
                      renumber remaining L-numbers
DELETE RENUMBER      - renumber L-numbers after deletion of
                      intermediate L-numbers
```

Entire sets of saved items, SDI requests, batch requests, user-defined items, or E-numbers can be deleted.

Examples:

```
DELETE SAVED/Q - delete all saved queries
DELETE SAVED/A - delete all saved answer sets
DELETE SAVED/L - delete all saved L-number lists
DELETE SAVED   - delete all saved queries, answer sets,
                  and L-number lists
DELETE SAVED/S - delete all SDI requests
DELETE SAVED/B - delete all batch requests
DELETE CLUSTER - delete all user-defined clusters
DELETE FORMAT  - delete all user-defined display formats
DELETE FIELD   - delete all user-defined search fields
DELETE SELECT  - delete all E-numbers
DELETE HISTORY - delete all L-numbers and restart the
                  session at L1
```

To delete an entire multifile SDI request, enter DELETE and the name of the request. To delete a component from the multifile SDI, enter DELETE and the name of the component.

```
=> dup rem l13
PROCESSING COMPLETED FOR L13
L15          4 DUP REM L13 (4 DUPLICATES REMOVED)
```

```
=> d l15
```

```
L15  ANSWER 1 OF 4  CAPLUS  COPYRIGHT 2003 ACS          DUPLICATE 1
AN  2002:637640  CAPLUS
DN  137:195320
TI  PPAR agonists, e.g., 3-[4-[2-[3-(2,4-dimethoxyphenyl)-1-
    heptylureidc]ethyl]phenyl]-2-ethoxypropionic acid and analogs, useful
    particularly as PPAR $\alpha$  agonists, and their pharmaceutical
    compositions and therapeutic use as hypolipemics, antidiabetics, etc.
IN  Hayward, Cheryl Myers; Perry, David Austen
PA  Pfizer Products Inc., USA
SO  PCT Int. Appl., 123 pp.
    CODEN: PIKXD2
DT  Patent
LA  English
FAN.CNT 1
```

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
-----	----	-----	-----	-----

PI WO 2002064549 A1 20020822 WO 2002-IB45 20020107
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,
PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,
UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH,
CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR,
BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
US 2002165282 A1 20021107 US 2002-76740 20020214
PRAI US 2001-269058P P 20010215
OS MARPAT 137:185320
RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d 115 1-5

L15 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2003 ACS DUPLICATE 1
AN 2002:637640 CAPLUS
DN 137:185320
TI PPAR agonists, e.g., 3-[4-[2-[3-(2,4-dimethoxyphenyl)-1-heptylureido]ethyl]phenyl]-2-ethoxypropionic acid and analogs, useful particularly as PPAR α agonists, and their pharmaceutical compositions and therapeutic use as hypolipemics, antidiabetics, etc.
IN Hayward, Cheryl Myers; Perry, David Austen
PA Pfizer Products Inc., USA
SO PCT Int. Appl., 123 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2002064549	A1	20020822	WO 2002-IB45	20020107
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG US 2002165282 A1 20021107 US 2002-76740 20020214 PRAI US 2001-269058P P 20010215 OS MARPAT 137:185320 RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT				

L15 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2003 ACS DUPLICATE 2
AN 2002:185616 CAPLUS
DN 136:252482
TI Preparation of aqueous clear solution dosage forms with **bile acids**
IN Yoo, Seo Hong
PA USA
SO U.S. Pat. Appl. Publ., 35 pp., Cont.-in-part of U. S. 6,251,428.
CODEN: USXXCO
DT Patent
LA English

FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2002031558	A1	20020314	US 2001-778154	20010205
	US 6251428	B1	20010626	US 1999-357549	19990720
PRAI	US 1998-94069P	P	19980724		
	US 1999-357549	A2	19990720		
	US 2000-180268P	P	20000204		

L15 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2003 ACS DUPLICATE 3

AN 2000:84582 CAPLUS

DN 132:141949

TI Preparation of aqueous clear solution dosage forms with **bile acids**

IN Yoo, Seo Hong

PA USA

SO PCT Int. Appl., 45 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000004875	A2	20000203	WO 1999-US12840	19990720
	WO 2000004875	A3	20010503		
	W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	CA 2338457	AA	20000203	CA 1999-2338457	19990720
	AU 9950819	A1	20000214	AU 1999-50819	19990720
	AU 758679	B2	20030327		
	EP 1113785	A2	20010711	EP 1999-935313	19990720
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	BR 9912395	A	20011016	BR 1999-12395	19990720
	JP 2002522357	T2	20020723	JP 2000-560868	19990720
PRAI	US 1998-94069P	P	19980724		
	WO 1999-US12840	W	19990720		

L15 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2003 ACS DUPLICATE 4

AN 1996:135720 CAPLUS

DN 124:197739

TI Insulin standard solutionIN Fukuda, Shigehiro

PA Toa Medical Electronics Co., Ltd., Japan

SO Eur. Pat. Appl., 8 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 689052	A2	19951227	EP 1995-610040	19950623
	EP 689052	A3	19960424		
	EP 689052	B1	20010926		
	R: DE, FR, GB, IT				

JP 08012593
PRAI JP 1994-143511

A2 19960116
A 19940624

JP 1994-143511 19940624